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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/661,527

09/15/2003

Ikuya Arai

HIT 2 690

8024

24956

7590

09/06/2006

MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C.
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ALEXANDRIA, VA 22314

EXAMINER

KUMAR, SRILAKSHMI K

ART UNIT

PAPER NUMBER

2629

DATE MAILED: 09/06/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/661,527

Applicant(s)

ARAI ET AL.

Examiner

Srilakshmi K. Kumar

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on June 8, 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 16-27 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 16-27 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 6/8/2006.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

The following office action is in response to the amendment filed on June 8, 2006. Claims 16-27 are pending. Claims 16, 19-21, 24 and 25 have been amended. Claims 26 and 27 are newly added.

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 16-27 are rejected under 35 U.S.C. 102(b) as being anticipated by McDaniel et al (US 4,415,985).

As to independent claims 16, 21 and 26, McDaniel et al disclose a display apparatus (Fig. 1, item 64) to an external computer (Fig. 1, item 50) for displaying an image on a screen on the basis of video and synchronization signals from said external computer (col. 6, lines 15-25), comprising; a memory (Fig. 1, item 6, col. 3, lines 27-29, col. 4, lines 1-2); a receiver which receives a control signal to control said image, which is generated by operating an input unit of said external computer (col. 5, lines 60-col. 6, lines 10, col. 10, lines 24-39); a control circuit which controls said image on said screen using control data included in said control signal received through said receiver and writes said control data into said memory (col. 5, lines 64-col. 6, lines 10); wherein said control circuit reads control data from said memory when said display apparatus is turned on and controls said image on said screen by using said control data read out from said memory (col. 6, lines 29-58).

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As to dependent claims 17 and 22, limitations of claims 16 and 21, and further comprising, McDaniel et al disclose wherein said memory is made of an eeprom (col. 1, lines 27-29).

As to dependent claims 18 and 23, limitations of claims 16 and 21, and further comprising, McDaniel et al disclose means for sending an acknowledge signal indicating receipt of said control signal to said external computer (col. 5, lines 3-7, requiring a ready signal and col. 5, lines 29-38, sending an acknowledge signal).

As to dependent claims 19 and 24, limitations of claims 16 and 21, and further comprising, McDaniel et al disclose wherein said input unit is a mouse (col. 10, lines 31-33).

As to dependent claims 20 and 25, limitations of claims 16 and 21, and further comprising, McDaniel et al disclose wherein said input unit is a keyboard (col. 10, lines 31-33).

As to dependent claim 27, limitations of claim 26, and further comprising, McDaniel et al disclose wherein said visual characteristic of said image is at least one of a display size, a display position and a brightness of said image (col. 6, lines 1-10).

Response to Arguments

3. Applicant's arguments filed June 8, 2006 have been fully considered but they are not persuasive.

Applicant argues in the remarks on pages 7-9, where the prior art of McDaniel et al teach a driving circuit for selectively displaying on the screen of a cathode ray tube, a pre-specified set of characters instead of a control circuit that controls a visual characteristic of an image on a screen using control information received by the receiver and written into a memory. Examiner, respectfully, disagrees. In col. 5, lines 60-col. 6, line 10, the prior art of McDaniel et al teach

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where the CRT controller generates signals to be used by the CRT and further receives data from the DMA controller and uses it in order to control the characters/images to be displayed on the CRT, therefore disclosing the limitation set forth by the instant application.

Applicant further argues on page 7, lines 13-16, where “There is a substantial difference between controlling the signal or image as in the present invention and controlling dot matrix characters generated on a CRT in McDaniel et al. In the present invention, the control is directed to the image and not to the characters themselves.” Examiner contends that a “signal” or “image” of the present invention is one and the same as the “character” disclosed by McDaniel. The “character” of McDaniel is also an image being displayed. Further, Applicant has failed to explain how the “signal” or “image” of the instant application is different than the “character” different from the “character” as disclosed by McDaniel.

With respect to the Applicant’s arguments in regards to the memory associated with the display apparatus, Applicant argues where the PROM disclosed by McDaniel et al can not be the same memory as disclosed by the claimed limitation of the instant application. Examiner, respectfully, disagrees. McDaniel et al disclose in col. 6, lines 1-10 where the PROM stores the character information. With respect to applicant’s arguments on where the memory is not located within the display apparatus, applicant does not claim where the memory must be within the display apparatus. McDaniel discloses where the display apparatus contains the memory which is shown by the EPROM in col. 5, lines 18-20).

As shown from the above, the limitation set forth in the instant application are taught by the prior art of McDaniel et al, therefore, the rejection is maintained and made FINAL.

Conclusion

4. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Srilakshmi K. Kumar whose telephone number is 571 272 7769. The examiner can normally be reached on 9:00 am to 5:30 pm.

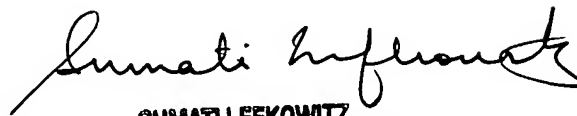
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Sumati Lefkowitz can be reached on 571 272 3638. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Srilakshmi K. Kumar
Examiner
Art Unit 2629

SKK
March 4, 2006


SUMATI LEFKOWITZ
SUPERVISORY PATENT EXAMINER